

## Special Issue

# A Perspective on Novel Electrochemical Capacitors and Batteries

### Message from the Guest Editors

Chemical research plays a crucial role in advancing electrochemical capacitors and batteries. It focuses on understanding and improving the chemical processes that occur within these energy storage devices, with the goal of enhancing their performance, safety, and environmental sustainability. This year, the journal *Molecules* will publish a Special Issue of papers featuring selected contributions on novel electrochemical capacitors and batteries. As of this Special Issue, we are writing to invite you to contribute a research paper, rapid communication, perspective or review article on your latest research activities in, but not limited to, the following aspects: electrode materials, electrolytes, facilitate rapid ion diffusion, electrochemical reactions, catalysts, diagnostics and characterization, flame-retardant additives and electrolyte formulations, environmentally friendly materials, and novel batteries.

### Guest Editors

Dr. Pei Hu

Dr. Yuyu Li

Dr. Peng Yu

### Deadline for manuscript submissions

closed (31 October 2024)



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).